

Title (en)

HIGH PERFORMANCE WIRING CONNECTING SYSTEM

Title (de)

VERKABELUNGSVERBINDUNG MIT HOHER LEISTUNG

Title (fr)

SYSTEME DE CABLAGE DE CONNEXION DE HAUTE PERFORMANCE

Publication

**EP 0968545 A1 20000105 (EN)**

Application

**EP 99903066 A 19990113**

Priority

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Abstract (en)

[origin: WO9936993A1] A wiring connecting system having superior electrical transmission performance with reduced cross talk and improved lacing and termination features is disclosed and includes a base, a wire strip (108) mountable to the base, a connecting block (300) for housing a plurality of electrical contacts (450) and a plurality of cross talk barriers (202) disposed within the connecting block for isolating pairs of the electrical contacts. The wire strip has a plurality of first and second posts (124) alternating along its length. The second posts have a greater width than the first posts. A connector block for housing a plurality of electrical contacts mounts onto the wire strip. An upper end of the connecting block includes a plurality of first (304) and second (306) teeth alternating along its length with the second teeth having a greater width than the first teeth. The electrical contacts extend from the lower end of the housing to generally align with the openings of the wire strip. A plurality of barriers for electrically shielding pairs of the electrical contacts are disposed within the connecting block housing and substantially surround respective pairs of the electrical contacts. A plug for connecting a cable having a plurality of wires to the connecting block is also disclosed.

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